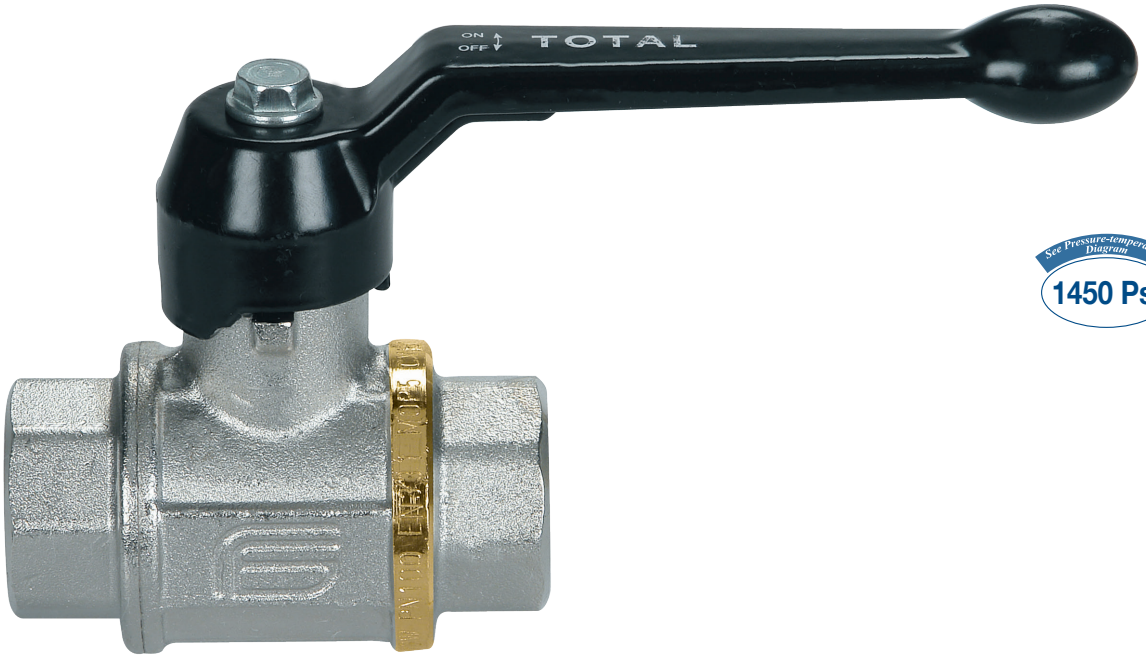
TOTAL



See Pressure-temperature Diagram
1450 Psi

art. 0101N5	F/F with aluminium lever from 1/4" to 2"



art. 0121N5	F/F with aluminium T-handle from 1/4" to 1"

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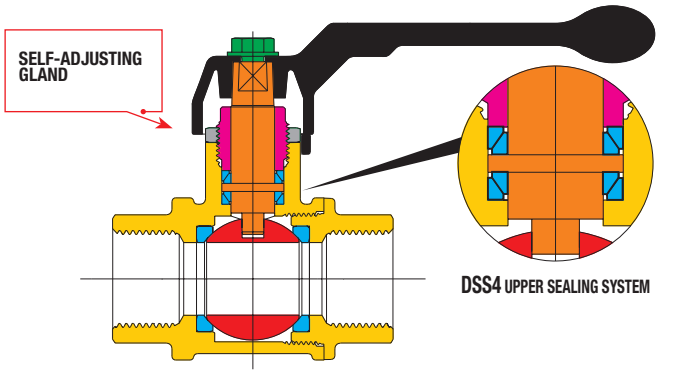
UNI EN ISO 9001: 2015

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ISO 14001:2015

TOTAL

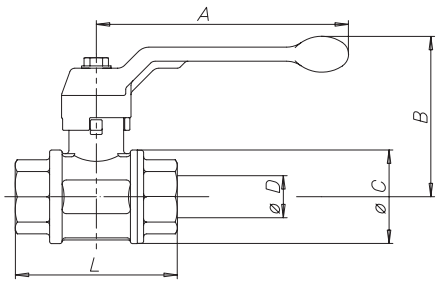
SECTION



LIST OF COMPONENTS: description/materials/treatments

Body and threaded end		C37700 (CW617N)
Gland		C37700 (CW617N)
Gland nut		C37700 (CW617N)
Stem		C37700 (CW617N)
Chromium pl. polished ball		C37700 (CW617N)
Seats		PTFE
Operating device		aluminium alloy
Fixing screw		zinc plated steel
Surface treatment	-	Body nickel plating outside

DIMENSIONS



VALVE DIMENSIONS PER TYPE AND SIZE

size in inches		1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"		
Ø D bore inches		0.31	0.39	0.59	0.79	0.98	1.26	1.57	1.97		
A inches		2.95	3.94	3.94	4.72	4,72	5.91	5.91	6,89		
B inches		2.05	2.40	2.52	2.99	3.15	3.86	4.09	4.69		
Ø C inches		0.91	1.14	1.42	1.77	2.13	2.56	3.11	3.78		
F/F - L inches		1.81	1.89	2.44	2.68	3.15	3.62	4.02	4.57		

TECHNICAL FEATURES:

Temperature limits: For liquid from -4°F to +266°F

Pressure limits: For liquid from 1450 Psi to 1150 Psi.
(See pressure / temperature diagram)

SPECIFIC FEATURES:

Bore: full.
Stem: security system with self-adjusting gland.
Seats: high resistance virgin PTFE.
Upper seal: **DSS4 Dynamic Sealing System**
4 anti-friction self-adjusting cone-shaped seals, in PTFE and dynamic seals.
Ideal system to ensure long life cycles, high and low pressure.

Application fields:

The TOTAL series is extremely tough and is used where special performance is required, for example in the installations of industrial and civil heating, plants at medium and high pressure, hydraulics and pneumatics, oil and petrochemical fields, non aggressive fluids.

Threaded end connections:

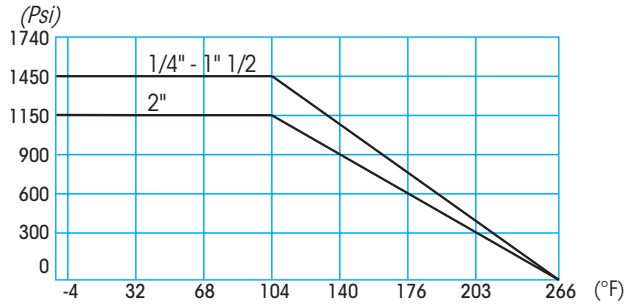
• NPT

Operation devices:

Aluminium lever, aluminium T-handle.

Available colours: Black.

PRESSURE/TEMPERATURE DIAGRAM



The Installation must be designed and realized as to avoid movements whith may damage the valve.
The valve must be always used in position completed closed (OFF) or completely open (ON).
In the event of freezing and ice, we recommend that the installation must be drained and the valve operated several times to ensure that it is fully drained. We suggest that the valve be thermally insulated to avoid this risk.